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	Supersedes : 28/05/2014
SEPISOL FAST VIOLET 3 B	

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Substance or preparation : Substance
 Substance name : SEPISOL FAST VIOLET 3 B
 CE no : -
 CAS no : -
 REACH registration or pre-registration number : 01-2119888511-32-0000

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Use of the substance/mixture : Ink formulation
 Dye for ink in ball pen and cartridge

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

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 9 rue de l'industrie – BP 80148
 68701 CERNAY Cedex – France
 T + 33 3 89 75 76 05
 F + 33 3 89 39 76 85
Bic.Contact@bicworld.com

1.4 Emergency telephone number

Pays	Organisme / Société	Adresse	Numéro d'urgence
France	ORFILA	http://www.centres-antipoison.net	+ 33 1 45 42 59 59

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 3 (Oral) H301
 Eye Dam. 1 H318
 Skin Sens. 1B H317
 STOT SE 3 H335
 Aquatic Acute 1 H400 (M=10)
 Aquatic Chronic 1 H410 (M=10)
 Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Toxic if swallowed. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Not classified as flammable according to EC criteria, but may present a risk in the event of a fire.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

: Danger
 : H301 – Toxic if swallowed
 H317 – May cause an allergic skin reaction
 H318 – Causes serious eye damage
 H335 – May cause respiratory irritation
 H410 – Very toxic to aquatic life with long lasting effects
 : P273 - Avoid release to the environment
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337+P313 - If eye irritation persists: Get medical advice/attention

2.3 Other hazards

This substance/mixture does not meet the PBT criteria of REACH, annex XIII.
 This substance/mixture does not meet the vPvB criteria of REACH, annex XIII.
 Dust explosion possible if mixed with air

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bis and tris and tetra (4-bis[4-(dimethylamino)phenyl]methylene)-N,N-dimethylcyclohexa-2,5-dien-1-iminium][12,21-dihydro-29H,31H-phthalocyanine-bis and tris and tetrasulfonato-k4N29,N30,N31,N32]cuprate	(REACH-no) 01-211988511-32-0000	100	Acute Tox. 3 (Oral), H301 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

Full text of H- and EUH-phrases: see section 16

3.2 Mixture

Not applicable

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

- First-aid measures after inhalation : In the event of exposure to high concentrations of dust : Move the affected person away from the contaminated area and into the fresh air. Give artificial respiration if necessary.
- First-aid measures after skin contact : Remove by wiping. Remove all contaminated clothing and footwear. Rinse with water. If case of redness or irritation, call a doctor.
- First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Always consult an eye specialist, even if there are no immediate symptoms.
- First-aid measures after ingestion : Rinse mouth with water. Do not induce vomiting. Call medical assistance immediately and show a copy of the material safety data sheet.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after eye contact : Risk of serious damage to eyes

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing agents can be used.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not classified as flammable by EC criteria but may present a hazard in the event of a fire. During combustion : Toxic and irritating fumes may be released.
- Reactivity : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

5.3. Advice for firefighters

- Precautionary measures fire : Avoid raising powdered material due to explosion hazard. Contain the extinguishing fluids by bunding.
- Protection of fire-fighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- Emergency procedures : Avoid contact with skin and eyes
Do not breathe dust

6.1.2 For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment
For further information refer to section 8: "Exposure controls/personal protection"

6.2. Environmental precautions

Contain the spilled material by bunding (product is hazardous for the environment). Avoid release to the environment.

6.3. Methods and material for containment and cleaning up


- Methods for cleaning up : Sweep up or vacuum up the product. Minimize generation of dust. Wash non-recoverable remainder with large amounts of water. Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

For further information see section 13

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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid any direct contact with the product
Work in a well-ventilated area
Avoid raising powdered material due to explosion hazard
Do not breathe dust
- Hygiene measures : Do not drink, eat or smoke in the workplace
Always wash hands after handling the product

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed
Store in a cool, well-ventilated place
Store in a dry place

- Packaging materials : Store in original container

7.3. Specific end use(s)

No additional information available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Sepisol Fast Violet 3B

France	VME (mg/m ³)	10 mg/m ³ (total dusts) 5 mg/m ³ (alveolar dusts)
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Sepisol Fast Violet 3B

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	1,74 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2,44 mg/m ³

DNEL/DMEL (General population)

Long-term - systemic effects, oral	0,21 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,72 mg/m ³
Long-term - systemic effects, dermal	1,04 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	1,2 µg/L
PNEC aqua (marine water)	0,12 µg/L
PNEC aqua (intermittent, freshwater)	12 µg/L

PNEC (Sediment)

PNEC sediment (freshwater)	12,73 mg/kg dwt
PNEC sediment (marine water)	1,273 mg/kg dwt

PNEC (Soil)


PNEC soil	6,1 mg/kg dwt
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PNEC (Water treatment plant)

PNEC water treatment plant	2,2 mg/l
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8.2. Exposure controls

- Technical measures : Ensure good ventilation of the work station
Safety shower
Eye fountain
- Hand protection : Impermeable protective gloves
Breakthrough time : refer to the recommendations of the supplier
The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374
- Eye protection : Sealed safety goggles
- Respiratory protection : Wear a suitable respiratory mask (P2)

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder
Colour	: Dark violet
Odour	: Odourless
Odour threshold	: Not applicable
pH	: 5,9 (10 g/l – 20°C)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: Not applicable
Self ignition temperature	: 303°C (EU Method A16)
Decomposition temperature	: > 300 °C (1013 hPa)
Flammability (solid, gas)	: This product is not flammable (EU method A10)
Vapour pressure	: Negligeable
Relative vapour density at 20 °C	: No data available
Relative density	: 0,76 (20°C)
Solubility	: Water : < 0,01 mg/l
Log Pow	: No data available
Log Kow	: > 6,9
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Non explosive according to EC criteria (A14 method)
Oxidising properties	: Non oxidizing material according to EC criteria
Explosive limits	: No data available
Surface tension	: 42,1 mN/m (23°C) (phenoxyethanol)

9.2. Other information

Other properties	: No data available
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SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

10.2. Chemical stability

Stable under normal conditions of use

10.3. Possibility of hazardous reactions

Dust can be potentially explosive

10.4. Conditions to avoid

None to our knowledge

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Carbon oxides (CO, CO₂), nitrogen oxides (NO_x), Copper oxides, various hydrocarbon fragments.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	: Toxic if swallowed
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Sepisol Fast Violet 3B	
LD50 oral rat	300 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH : 5,9 (10 g/l, 20°C)
Serious eye damage/irritation	: Causes serious eye damage pH : 5,9 (10 g/l, 20°C)
Respiratory or skin sensitisation	: May cause an allergic skin reaction
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met) AMES Test :Negative

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Carcinogenicity	: Not classified (No data available)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: May cause respiratory irritation (extrapolated)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)

Sepisol Fast Violet 3B	
NOAEL (subacute, oral, animal/male, 28 days)	25 mg/kg/d

Aspiration hazard : Not classified

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects

Sepisol Fast Violet 3B	
CL50 fish	> 0,1 mg/l/96h (no mortality) (Danio rerio) (OECD 203)
CE50 Daphnia	1,2 mg/l/48h (Daphnia magna) (OECD 202)
ErC50 (algae)	0,098 mg/l/72h (Selenastrum capricornutum) (OECD 201)
NOEC (acute)	0,16 mg/l/48h (Daphnia magna) (OECD 202)
NOEC chronic algae	0,024 mg/l/72h (Selenastrum capricornutum) (OECD 201)

12.2. Persistence and degradability

Sepisol Fast Violet 3B	
Persistence and degradability	Not easily biodegradable. ~0 % biodegradation 28 days. (OECD 301B method)

12.3. Bioaccumulative potential

Sepisol Fast Violet 3B	
Log Kow	> 6.9

12.4. Mobility in soil

Sepisol Fast Violet 3B	
No data available	

12.5. Results of PBT and vPvB assessment

Sepisol Fast Violet 3B	
PBT: not yet assessed	
vPvB: not yet assessed	

12.6. Other adverse effects

No additional information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods	Dispose of in accordance with relevant local regulations Destroy at an authorised site
Additional information	The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

SECTION 14. TRANSPORT INFORMATION

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

14.1. UN number

UN-No	: 2811
UN-No (IATA)	: 2811

14.2. UN proper shipping name


Proper Shipping Name	: Toxic solid, organic, n.o.s., (Bis and tris and tetra (4-{bis[4-(dimethylamino)phenyl]methylene}-N,N-dimethylcyclohexa-2,5-dien-1-iminium)[12,21-dihydro-29H,31H-phthalocyanine-bis and tris and tetrasulfonato-k4N29,N30,N31,N32]cuprate)
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14.3. Transport hazard class(es)

Class (UN)	: 6.1
Class (IATA)	: 6.1 – Toxic goods
Hazard labels (UN)	: 6.1

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14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

Dangerous for the environment : Additional marking : "Environmentally hazardous"

14.6. Special precautions for user

14.6.1 Overland transport

Hazard identification number (Kemler No.) : 60
Classification code (UN) : T2
Special provision (ADR) : 274, 614
Transport category (ADR) : 2
Tunnel restriction code : E
Limited quantities (ADR) : 5 kg
Excepted quantities (ADR) : E1
EAC code : 2X

14.6.2 Transport by sea

No additional information available

14.6.3 Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU-Regulations

No REACH Annex XVII restrictions

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16. OTHER INFORMATION

Data sources : Joint Research Centre (JRC). HSDB (Hazardous Substances Data Bank) (National Library of Medicine). RTECS (Registry of Toxic effects of Chemical Substances).
Other information : Safety data sheet established by BIMA 83
Full text of H- and EUH-phrases :

Acute Tox. 3 (Oral)	Acute toxicity (oral route), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H317	May cause an allergic skin reaction
H301	Toxic if swallowed
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This sheet was updated (refer to the date at the top of this page – changes were marked by “♦”).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product